

Claim Amendments

Applicant has amended claims 1-4, 9-11, 15, 17-18, 25-27 and 31 and has cancelled claims 5-8, 12-14, 16, 19-24 and 28-30 without prejudice. Applicant sets forth below a complete listing of the claims with the corresponding status indicated for each claim.

1. (Currently Amended) ~~A method for correcting colors in digital image space, the processing~~ method comprising:

~~obtaining an image containing a specified a target test sheet comprising a plurality of regions, each region comprising a known color value;~~

~~creating an using a digital camera to create a first digital image file containing said image of the target test sheet, the first digital image comprising a plurality of regions, each region comprising an acquired color value;~~

~~comparing the acquired color values to the known color values to align the regions of the target test sheet with the regions of the digital image~~

~~providing a profiling mechanism adapted to optionally check said image file for correct alignment with a target test sheet with information within said image file, said profiling mechanism matching colors of said image file with colors of said target test sheet using a transformation image algorithm; and~~

~~generating a profile to correct a color imbalance between the acquired color values and the known color values~~

~~creating a color corrected image profile for said image file.~~

2. (Currently Amended) A method as in Claim 1, wherein said method further comprises transmitting said ~~image~~ profile.

3. (Currently Amended) A method as in Claim 1, wherein said method further comprises using the digital camera to create a second digital image, and using said image profile to correct color in another image file a color balance of the second digital image.

4. (Currently Amended) A method as in Claim 1 ~~3~~, wherein said method further comprises using said ~~image~~ profile to correct contrast in ~~another~~ the second digital image file.

5-8. (Cancelled)

9. (Currently Amended) A method as in Claim 1, wherein ~~said profiling mechanism checking said image file for correct alignment~~ comparing further comprises ~~checking for correct~~ comparing an intensity of the acquired color values with an intensity of the known color values.

10. (Currently Amended) A method as in Claim 1, wherein ~~said profiling mechanism checking said image file for correct alignment~~ comparing further comprises ~~checking for correct~~ comparing a hue of the acquired color values with a hue of the known color values.

11. (Currently Amended) A method as in Claim 1, wherein ~~said transformation image algorithm matches colors of said image file with colors of said target test sheet using binary color coding such that~~ each color value is represented by a unique binary number.

12-14. (Cancelled)

15. (Currently Amended) A method as in Claim 1, ~~wherein creating a color corrected image profile~~ further comprises linking said ~~color corrected image~~ profile to a digital exhibit space.

16. (Cancelled)

17. (Currently Amended) A method as in Claim 1, ~~wherein creating a color corrected image profile~~ further comprises saving said ~~color corrected image~~ profile for future viewing.

18. (Currently Amended) A method as in Claim 1, further comprising uploading said first digital image file to a web site.

19-24. (Cancelled)

25. (Currently Amended) A method as in Claim 15, ~~wherein creating a color corrected image profile~~ further comprises accessing said digital exhibit space using access codes.

26. (Currently Amended) A method as in Claim 15, ~~wherein creating a color corrected image profile~~ further comprises accessing said digital exhibit space using a password.

27. (Currently Amended) ~~An~~ A digital image processing apparatus for automatically correcting colors in a digital image space, comprising:

a processor;

~~a profiling mechanism that operates under control of said processor;~~

a target test sheet comprising a plurality of regions, each region comprising a known color value;

~~an image acquisition device~~ a digital camera for generating ~~an~~ a first digital image file for submission to said profiling mechanism of the target test sheet, the digital image comprising a plurality of regions, each region comprising an acquired color value; and

~~wherein said~~ a profiling mechanism that operates under control of the processor optionally checks said image file for correct alignment with said target test sheet; to compare the acquired color values to the known color values to align the regions of the target test sheet with the regions of the digital image, and generate a profile to correct a color imbalance between the acquired color values and the known color values

~~said profiling mechanism comprising a transformation image algorithm for matching colors of said image file with colors of said target test sheet and for creating a color corrected image profile for said submitted image file.~~

28-30. (Cancelled)

31. (Currently Amended) An apparatus as in Claim ~~30~~ 27, wherein said profiling mechanism is integrated into said camera.